

## Special Issue

# Applications of Molecular Spectroscopy in Agri-Food Science and Manufacturing Processes

### Message from the Guest Editors

The various methods of molecular spectroscopy (UV-VIS, NIR, hyperspectral techniques, Raman, etc.) offer a wide range of possibilities, from the quantitative study of physicochemical and chemical properties to the structural investigation of molecules. This broad applicability also means that spectroscopy used in almost all scientific fields (agriculture, food, medicine, diagnostics, etc.), complemented by the science of chemometrics, which is essential for data processing.

This Special Issue on “Application of Molecular Spectroscopy in Agricultural and Food Sciences” seeks high-quality works focusing on the field of agriculture and food science. Topics include, but are not limited to:

- Applications of molecular spectroscopy in quality assurance;
- Advanced analytical techniques for monitoring agricultural products, food raw materials, and finished food products;
- New food testing advances (e.g., insect fortified foods);
- Relationship between UV/VIS, NIR, etc. techniques and chemometrics;
- Recent applications of molecular spectroscopy;
- Monitoring manufacturing processes using advanced molecular spectroscopy techniques;
- Adulteration and origin identification.

### Guest Editors

Dr. Marietta Fodor

Dr. Zoltan Kovacs

Dr. John-Lewis Zinia Zaukuu

### Deadline for manuscript submissions

closed (10 May 2023)



## Processes

an Open Access Journal  
by MDPI

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/si/94149](https://mdpi.com/si/94149)

*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)





# Processes

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.5



[mdpi.com/journal/  
processes](https://mdpi.com/journal/processes)



## About the Journal

### Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

---

### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, AGRIS, and other databases.

#### Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))